

Contents

- 11. Personnel Qualifications and Training..... 11-1
- 11.1 HMPT Training Requirements 11-1
 - Minimum HMPT Safety Training Requirements 11-1
- 11.2 Training and Qualifications of Explosives Handlers 11-1
 - Management’s Responsibility for Explosives Handlers 11-1
 - Training Requirements 11-1
 - Annual Review of Explosives Handlers..... 11-1
- 11.3 Training for Handlers of Radioactive Materials..... 11-2
 - Specialized Training Requirements for Handlers of Radioactive Materials.... 11-2
- 11.4 Training Requirements for Users and Generators of Hazardous Materials..... 11-2
 - Training for Hazardous Waste Generators..... 11-2
 - Training for Category 3 Users 11-2

11. Personnel Qualifications and Training

11.1 HMPT Training Requirements

Minimum HMPT Safety Training Requirements

Minimum HMPT Safety training consists of on-the-job training under the supervision of a trained and qualified employee, supplemented by Hazards Control safety courses. Minimum personnel training requirements are identified in the individual responsible organization's policies and procedures.

11.2 Training and Qualifications of Explosives Handlers

Management's Responsibility for Explosives Handlers

Supervisors bear the primary responsibility for ensuring that personnel who handle explosives possess the knowledge and skills needed to perform their work.

Training Requirements

Before an employee is authorized to handle explosives at LLNL or Site 300, the employee must understand the hazards and safe practices associated with the work.

In addition to the training required by their own organization, all explosives handlers must, at minimum, complete two Hazards Control courses—HS-2016, Explosives Safety Orientation, and HS-2120, Explosives Transportation Safety.

Annual Review of Explosives Handlers

The supervisor must annually review each explosives handler's qualifications and work assignment to ensure that the person is still capable of performing this job safely. In addition, the review should include discussion of recent changes in pertinent procedures and other matters of concern.

If a supervisor determines that an employee is no longer able to perform explosives handling safely, that employee is not permitted to continue working with explosives.

11.3 Training for Handlers of Radioactive Materials

Specialized Training Require- ments for Handlers of Radioactive Materials

All personnel who handle radioactive materials must, at minimum, complete two courses on a biennial basis—HS-6010, Radiation Safety Orientation, and HS-6600, Radiation Survey Instruments—before handling radioactive materials. Retraining is required every two years.

11.4 Training Requirements for Users and Generators of Hazardous Materials

Training for Hazardous Waste Generators

LLNL employees who generate hazardous or radioactive waste must complete EP-0006, Hazardous Waste Handling, and EP-0110, LLW Generation and Certification.

Training for Category 3 Users

Any user of Category 3 Hazardous Materials must, at minimum, complete the course, HS-4050, Health Hazard Communication.

Index of Section 11

Annual review of explosives handlers, 11-1
EP-0006, Hazardous Waste Handling, 11-2
EP-0110, LLW Generation and Certification, 11-2
Explosives handlers, 11-1
Handlers of radioactive materials, 11-2
Hazards Control safety courses, 11-1
HS-2016, Explosives Safety Orientation, 11-1
HS-2120, Explosives Transportation Safety, 11-1
HS-4050, Health Hazard Communication, 11-2
HS-6010, Radiation Safety Orientation, 11-2
HS-6600, Radiation Survey Instruments, 11-2
Minimum HMPT safety training requirements, 11-1
Training for hazardous waste generators, 11-2